

WHAT IS CLAIMED IS:

A graphite fibril material characterized in that the fiber diameter is 0.0035 to 0.075 μm , the fiber length/fiber diameter is greater than 10, the spacing (d002) of the carbon hexagonal net plane (002) as determined by the X-ray diffraction method is 3.63 to 3.53 angstroms, the diffraction angle (2θ) is 25.2 to 26.4 degrees, the 2θ band half-width is 0.5 to 3.1 degrees, the ratio of the peak height (I_c) of the bands at 1570 to 1578 cm^{-1} of the Raman scattering spectrum and the peak height (I_a) of the bands at 1341 to 1349 cm^{-1} (I_c/I_a) is greater than 1, the ratio of the relative presence of C_{1s} and O_{1s} (C_{1s}/O_{1s}) found by X-ray photoelectric spectroscopy is greater than 99/1 and the metal content as determined by the plasma emission analysis is less than 0.02% and in that it is comprised primarily of an aggregate of an average particle diameter of 0.1 to 100 μm which has an outside region comprised of continuous multiple layers of carbon atoms of a regular arrangement and of a noncontinuous hollow internal core region and in which the graphite fibrils, in which the layers and the core are arranged concentrically around the cylindrical axis of the fibrils, are intertwined.